

**BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP**

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INTELLECTUAL PROPERTY LAW  
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MAR 05 2007

Deliver to: Johnson, Jonathan J., USPTOArt Group: 1725Facsimile No.: (571) 273-8300Date: March 5, 2007From: Aslam A. Jaffery, Reg. No. 51,841Our Docket No.: 42P16893Number of pages 7 including this sheet.Application No.: 10/609,203Filing Date: 6/26/2003

Docket Due Date(s): \_\_\_\_\_

Enclosed are the following documents:

|   |   |
|---|---|
| <input type="checkbox"/> Amendment: _____ ( ____ pgs)                         | <input type="checkbox"/> Issue Fee Transmittal                                    |
| <input type="checkbox"/> Appeal Brief ( ____ pgs)                             | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application: _____<br>( ____ pgs) w/cover & abstract | <input type="checkbox"/> Petition for: _____                                      |
| <input type="checkbox"/> Assignment & Cover Sheet ( ____ pgs)                 | <input type="checkbox"/> Request for Continued Examination (RCE)                  |
| <input checked="" type="checkbox"/> Certificate of Facsimile _____            | <input type="checkbox"/> Reply Brief ( ____ pgs)                                  |
| <input type="checkbox"/> Continued Prosecution Application (CPA)              | <input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i)     |
| <input type="checkbox"/> Declaration & POA ( ____ pgs)                        | <input type="checkbox"/> Request to Rescind Previous Nonpublication Request       |
| <input type="checkbox"/> Drawings: ____ sheets, ____ figures                  | <input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter |
| <input type="checkbox"/> Extension of Time: _____                             | <input type="checkbox"/> Response to Written Opinion ( ____ pgs)                  |
| <input checked="" type="checkbox"/> Fee Transmittal (in duplicate)            | <input type="checkbox"/> Terminal Disclaimer                                      |
| <input checked="" type="checkbox"/> IDS & PTO/SB/08 ( 3 pgs)                  | <input type="checkbox"/> Transmittal of Publication Fee Due                       |
| <input type="checkbox"/> Other _____  | <input checked="" type="checkbox"/> Transmittal Letter                            |

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.84)**

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office.

Krista Mathieson  
Krista Mathieson3/5/2007  
Date

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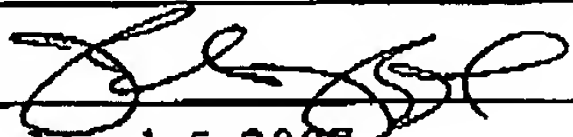
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|   |   |                        |                      |
|---|---|------------------------|----------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) |   | Application No.        | 10/609,203           |
|   |   | Filing Date            | June 26, 2003        |
|   |   | First Named Inventor   | Tan Tzyy Haw         |
|   |   | Art Unit               | 1725                 |
|   |   | Examiner Name          | Johnson, Jonathan J. |
| Total Number of Pages in This Submission  | 6 | Attorney Docket Number | 42P16893             |

| ENCLOSURES (check all that apply)   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment / Reply<br><br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input checked="" type="checkbox"/> PTO/SB/08<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Basic Filing Fee<br><input type="checkbox"/> Declaration/POA<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s)<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><div style="border: 1px solid black; padding: 5px; margin-top: 10px;">- Certificate of Facsimile</div> |
| Remarks   |   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm or Individual name                    | Aslam A. Jaffery, Reg. No. 51,841<br>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP          |
| Signature                                  |  |
| Date                                       | March 5, 2007  |

| CERTIFICATE OF MAILING/TRANSMISSION  |  |      |               |
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| Typed or printed name  | Krista Mathieson   | Date | March 5, 2007 |
| Signature  |  |      |               |

Based on PTO/SB/21 (09-04) as modified by Blakely, Sokoloff, Taylor & Zafman (ndc) 10/12/2006.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

MAR 05 2007

**FEE TRANSMITTAL  
for FY 2006**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

|                      |                      |
|----------------------|----------------------|
| Application Number   | 10/609,203           |
| Filing Date          | June 26, 2003        |
| First Named Inventor | Tan Tzyy Haw         |
| Examiner Name        | Johnson, Jonathan J. |
| Art Unit             | 1725                 |
| Attorney Docket No.  | 42P16893             |

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify):  
☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayment of fee(s) during the pendency of this application.☒ Credit any overpayments☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.**FEE CALCULATION****1. EXTRA CLAIM FEES**

|                    |   | Extra Claims | Fee from below | Fee Paid |
|--------------------|---|--------------|----------------|----------|
| Total Claims       | 8 | 20           | 50.00          | \$0.00   |
| Independent Claims | 1 | 0            | 200.00         | \$0.00   |
| Multiple Dependent |   |              |                |          |

| Large Entity |          | Small Entity |          | Fee Description   |
|--------------|----------|--------------|----------|---|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |
| 1202         | 50       | 2202         | 25       | Claims in excess of 20                                    |
| 1201         | 200      | 2201         | 100      | Independent claims in excess of 3                         |
| 1203         | 360      | 2203         | 180      | Multiple Dependent claim, if not paid                     |
| 1204         | 790      | 2204         | 395      | **Reissue independent claims over original patent         |
| 1205         | 300      | 2205         | 150      | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (1)

(\$) 0.00

\*or number previously paid, if greater, For Reissues, see below

**2. ADDITIONAL FEES**

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath                              |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet           |
| 2053         | 130      | 2053         | 130      | Non-English specification  |
| 1251         | 120      | 2251         | 60       | Extension for reply within first month                           |
| 1252         | 450      | 2252         | 225      | Extension for reply within second month                          |
| 1253         | 1,020    | 2253         | 510      | Extension for reply within third month                           |
| 1254         | 1,590    | 2254         | 795      | Extension for reply within fourth month                          |
| 1255         | 2,160    | 2255         | 1,080    | Extension for reply within fifth month                           |
| 1401         | 500      | 2401         | 250      | Notice of Appeal   |
| 1402         | 500      | 2402         | 250      | Filing a brief in support of an appeal                           |
| 1403         | 1,000    | 2403         | 500      | Request for oral hearing   |
| 1451         | 1,510    | 2451         | 1,510    | Petition to institute a public use proceeding                    |
| 1460         | 130      | 2460         | 130      | Petitions to the Commissioner                                    |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(a)                              |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                        |
| 1808         | 790      | 1808         | 395      | Filing a submission after final rejection (37 CFR § 1.129(e))    |
| 1810         | 790      | 2810         | 395      | For each additional invention to be examined (37 CFR § 1.129(b)) |


Other fee (specify)

SUBTOTAL (2)

Fee Paid

(\$) 180.00

Complete (if applicable)

|                   |   |                  |        |           |                |
|-------------------|---|------------------|--------|-----------|----------------|
| SUBMITTED BY      |   | Registration No. | 51,841 | Telephone | (303) 740-1980 |
| Name (Print/Type) | Aslam A. Jaffery  | (Attorney/Agent) |        | Date      | 03/05/07       |
| Signature         |  |                  |        |           |                |

Based on PTO/SB/17 (02-07) as modified by Blakely, Sokoloff, Taylor & Zafman (mk) 02/26/2007  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Docket No.: 42P16893

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In Re the Application of:

TAN TZYY HAW, ET AL.

Application No.: 10/609,203

Filed: June 26, 2003

For: **IMPROVING BALL GRID ARRAY  
SOLDER JOINT RELIABILITY**

Art Group: 1725

Examiner: Johnson, Jonathan J.

MAR 05 2007

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

03/06/2007 CCHAU1 00000043 022666 10609203


01 FC:1806 180.00 DA

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Respectfully submitted,

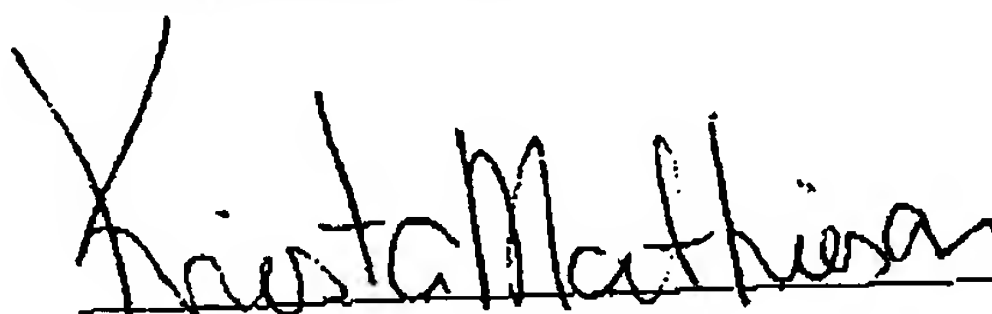
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: March 05, 2007

  
Aslam A. Jaffery, Reg. No. 51,841

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (303) 740-1980

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Krista Mathieson

03-05-07

Date

MAR 05 2007

|   |   |    |   |                        |                     |
|---|---|----|---|------------------------|---------------------|
| Substitute for form 1449A/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   |    |   | Complete if Known      |                     |
|   |   |    |   | Application Number     | 10/609,203          |
|   |   |    |   | Filing Date            | June 26, 2003       |
|   |   |    |   | First Named Inventor   | Tan Tzyy Haw        |
|   |   |    |   | Art Unit               | 1725                |
|   |   |    |   | Examiner Name          | Johnson, Jonathan L |
|   |   |    |   | Attorney Docket Number | 42P16893            |
| Sheet   | 1 | of | 1 |                        |                     |

[illegible][illegible]

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

Draw line through citation if not in conformance and not considered. Include

Signature \_\_\_\_\_

\*Examiner. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

\*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Based on FTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zaslman (wtr) 08/11/2005.

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